

said spring penetrating therethrough to insert into said spring chamber, said gas lever further integrally providing a thumb pusher at one end thereof];

5 a gas valve with a gas nozzle [extending upwards above said mounting frame being installed inside said mounting frame,] said gas nozzle being engaged with [another] an end of said gas lever[, so that when said thumb pusher is pushed downwardly, said another end of said gas lever lifts said gas nozzle] to permit release of gas from an interior of said lighter body via
10 said gas valve;

an ignition device comprising a flint and a striking wheel, [wherein said flint is supported on top of said flint spring with a bottom portion thereof inserting into said spring chamber,] said striking wheel [which has] having a circumferential coarse striking surface being positioned right above and in contact with said flint [by] and rotatably mounting between said first and second supporting walls, [so that said flint is pressed downwardly by said circumferential coarse striking surface of said striking wheel, and that said flint is relatively pressed by said flint spring upwards to urge against said circumferential coarse striking surface of said striking wheel, said circumferential coarse striking surface having a width slightly larger than a diameter of said flint,] wherein said striking wheel further [comprises] comprising two circular discs [integrally formed] located at said two sides of said striking [wheel] surface, each of said circular discs having a

[glossy] circumferential surface and [a width equal] positioned within [to] each of [said] two gaps formed between said first and second supporting walls and said striking wheel; and

5 a U-shaped wind shield mounted on said first and second supporting walls to cover said gas nozzle and said first and second supporting walls, said wind shield having an all around vertical U-shaped side wall which has a round end portion and two wing portion extending from said round end portion, a top wall horizontally and inwardly extending from a top side of said 10 round end portion of said U-shaped side wall and defining a cutout right above said gas nozzle, and a first and a second L-shaped bent-edge member which are respectively and perpendicularly bent from a top side and an end side of said wing portions, wherein said first and second bent-edge members 15 are respectively extended from said top wall along said top side and said end side of each of said wing portions for fittedly and respectively resting on a horizontal top edge and a vertical rear edge of each of said first and second supporting walls, a top end corner of each of said wing portions forming a curved 20 corner which has a curvature matching with at least a quarter of a circumference of said striking wheel, so that said striking wheel is sidewardly covered by said two wing portions of said windshield, wherein said first and second bent-edge members of said wind shield are respectively and inwardly extended until 25 abutting two sides of said striking wheel to form two protecting bent-edge members [in order to cover two gaps formed between

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said striking wheel and said first and second supporting walls] for better striking contact by increasing a contact area with a user's thumb.

5 13. (FIRST AMENDED) A disposable lighter, comprising:
a lighter body for receiving a liquefied fuel therein;
a mounting frame, which is sealedly affixed on top of said
lighter body, comprising a first and a second supporting wall
upwardly extended from two sides of said mounting frame, said
10 mounting frame further having a vertical spring chamber between
said first and second supporting walls;
 a flint spring being received in said spring chamber;
 a gas lever being pivotally mounted between said first and
 second supporting walls;
15 a gas valve with a gas nozzle, said gas nozzle being
 engaged with an end of said gas lever to permit release of gas
 from an interior of said lighter body via said gas valve;
 an ignition device comprising a flint and a striking wheel,
 said striking wheel having a circumferential coarse striking
20 surface being positioned right above and in contact with said
 flint and rotatably mounting between said first and second
 supporting walls, wherein said striking wheel further comprising
 two circular discs located at said two sides of said striking
 surface, each of said circular discs having a circumferential
25 surface and positioned within each of two gaps formed between

said first and second supporting walls and said striking wheel;
and

a U-shaped wind shield extends over said first and second
supporting walls to cover said gas nozzle and said first and
5 second supporting walls, said wind shield having an all around
vertical U-shaped side wall which has a round end portion and
two wing portions extending from said round end portion, and a
first and a second L-shaped bent-edge members which are
respectively and perpendicularly bent from a top side and an end
10 side of said wing portions, said striking surface at an
elevation lower than said bent-edge members, wherein said first³²
and second bent-edge members are respectively extended from a
top wall along said top side and said end side of each of said
wing portions, a top end corner of each of said wing portions
15 forming a curved corner which has a curvature matching with at
least a quarter of a circumference of said striking wheel, so
that said striking wheel is sidewardly covered by said two wing
portions of said windshield, wherein said first and second bent-
edge members of said windshield are inwardly extended to form
20 two protecting bent-edge members for better striking contact by
increasing a contact area with a user's thumb.

REMARKS

In claims 1 and 13, the Examiner has requested that Claim 1
25 and 13 reflect the cumulative effect of all changes relative to
the original patent. In accord, Applicant has shown all changes